

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37	"594249" "5976678"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/14 14:13
L2	7	"5994249"	USPAT	OR	OFF	2010/12/14 14:14
L3	314	(501/15.ccls. 501/17.ccls. 501/78.ccls. 501/79.ccls. 428/208.ccls. 428/328. ccls. 428/426.ccls. 428/428.ccls. 428/434. ccls. 428/207.ccls. 428/690.ccls. 428/701. ccls. 428/702.ccls. 427/165.ccls.) and (pigment\$2) and (layer\$2 or coat\$5 or film\$2) and (window\$2 or glazing) and (chromium or manganese or cobalt)	US-PGPUB; USPAT	OR	OFF	2010/12/14 15:05
L4	75	l3 and (glass near4 frit\$2)	US-PGPUB; USPAT	OR	OFF	2010/12/14 15:06
S1	0	EP0520720	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 07:03
S2	0	"EP 0520720"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 07:03
S3	0	"EP 05020720"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 07:03
S4	0	"EP 0 520720"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 07:04
S5	1	"520720"	EPO	OR	OFF	2008/06/26 07:04
S6	1	"521602"	EPO	OR	OFF	2008/06/26 07:07
S7	1	"60108347"	JPO	OR	OFF	2008/06/26 07:08
S8	0	WO9829352	DERWENT	OR	OFF	2008/06/26 07:14
S9	1	"9829352"	DERWENT	OR	OFF	2008/06/26 07:14

S10	1243676	(glaz\$5 or coat\$5 or film\$2 or layer\$5) and glass\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 07:15
S11	5404	S10 and ((vehicle\$2 or automo\$6) same glaz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 07:17
S12	512	S11 and ((iron adj oxide\$2) or "Fe.sub.2.O.sub.3")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 07:18
S13	128	S12 and ((cobalt adj oxide\$2) or "Co.sub.3.O.sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 07:18
S14	84	S13 and (selenium or Se)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/26 07:19
S15	152414	(first or under-layer\$2 or underlayer\$2) same (silica or (silicon adj \$2oxide\$2) or "Si.O.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 08:53
S16	569	S15 and ((second same (layer\$2 or film\$2 or coat\$5)) same (((SnO2 or "SnO.sub.2" or Sn02 or "Sn0.sub.2" or (tin adj oxide\$2)) or (ZnO or Zn0 or zinc or (zinc adj oxide\$2)) or ("In.sub.2.O.sub.3" or (indium adj oxide\$2)) or (tungsten adj oxide\$2) or ("MoO.sub.3" or (molybdenum adj oxide\$2))) same (fluorine\$2 or antimon\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 08:59
S17	1866	S15 and (((layer\$2 or film\$2 or coat\$5)) same (((SnO2 or "SnO.sub.2" or Sn02 or "Sn0.sub.2" or (tin adj oxide\$2)) or (ZnO or Zn0 or zinc or (zinc adj oxide\$2)) or ("In.sub.2.O.sub.3" or (indium adj oxide\$2)) or (tungsten adj oxide\$2) or ("MoO.sub.3" or (molybdenum adj oxide\$2))) same (fluorine\$2 or antimon\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:01

S18	1460	S17 and ((silver or Ag or Au or gold or Cu or copper or nickel or Ni or Cr or chromium) same (layer\$5 or film\$2 or coat\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:02
S19	262	S18 and (("low E" same (film\$2 or coat\$5 or layer\$5)) or ((low same emiss\$8) same (film\$2 or coat\$5 or layer\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:03
S20	26	S19 and ((vehicle\$2 or automo\$6) same (glaz\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/26 09:04
S24	231	"4792536"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:01
S25	4838	((laminat\$4) same (glaz\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:03
S26	1604	S25 and ((substrate\$2 or base\$2 or ply or plies or sheet\$2 or layer\$2) same (color\$3 or tint\$2 or stain\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:05
S27	1526	S25 and ((coat\$4 or layer\$2 or film\$2) same (color\$3 or tint\$2 or stain\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:06
S28	213	S27 and ((low) adj (E or emiss\$8))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:07
S29	51	S28 and ("Fe.sub.2.O.sub.3" or ferric or (iron same \$4oxide\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:40
S30	69	"5827344" or "5023210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 07:50
S31	35	S28 and (priva\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 08:06
S32	75	((low adj E) same (silver same dielectr\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 09:31

S33	75	(low adj E) same (silver same dielectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 09:31
S34	7	"6466298"	US-PGPUB; USPAT	OR	OFF	2008/07/28 11:08
S35	36	(heat\$4 same electrochromic\$4) same (glaz\$4 same laminat\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 11:59
S36	1	"20020066233"	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:19
S37	136649	((glass\$3 same (substrate \$2 or sheet\$2 or plies)) and (laminat\$3 sam glaz \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 15:11
S41	0	(ferric or ferrous) same ("Co.sub.3.O.sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 15:14
S42	0	("Co.sub.3.O.sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 15:14
S43	108	S37 and (ferric or ferrous) same (cobalt adj \$4oxide \$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 15:15
S44	0	S43 and "Fe.sub.2.O.sub.3" and FeO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/28 15:16
S45	17	"6446402" or "20020025899" or "4910088"	US-PGPUB; USPAT	OR	OFF	2008/07/29 09:38
S46	1	"10563917"	US-PGPUB	OR	OFF	2009/02/05 10:36
S47	32638	(laminat\$2) and interlayer \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:08
S48	890	S47 and (glass same (iron or "Fe.sub.2.O.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:09
S49	890	S47 and (glass same (iron or "Fe.sub.2.O.sub.3")) S48 and (low near4 (e or emissiv\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:12
S50	890	S47 and (glass same (iron or "Fe.sub.2.O.sub.3")) S48 and ((low near4 (e or emissiv\$5)) same (inner or interlayer\$2 or inside))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:13

S51	890	S47 and (glass same (iron or "Fe.sub.2.O.sub.3")) S48 and ((low near4 (e or emissiv\$5)) near4 (inner or interlayer\$2 or inside))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:13
S52	17	S48 and ((low near4 (e or emissiv\$5)) near4 (inner or interlayer\$2 or inside))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:14
S53	9	"6538192"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:18
S54	0	("2006/0182980").URPN.	USPAT	OR	OFF	2009/02/11 10:25
S55	63	S48 and ((low near4 (e or emissiv\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:27
S56	229	((dual or double or multi) near5 pane\$2) and (glass same (iron or "Fe.sub.2.O.sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:32
S57	181426	(laminate\$2).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:42
S58	4238	S57 and (interlayer\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:42
S59	855	S58 and (windscreen\$2 or windshield\$2 or vehicle\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:42
S60	9	S59 and (low near4 (e or emisiv\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:43
S61	1400	(laminate\$2).ab. and interlayer\$2 and (windshield\$2 or windscreen\$2 or vehicle \$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:51
S62	79	S61 and ((tint\$4 or pigment\$5) near4 glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:51
S63	24	"6165598"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 10:56
S64	9	"6538192"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:03
S65	1	"10563917"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:07
S66	0	("2006/0188730").URPN.	USPAT	OR	OFF	2009/02/11 11:11

S67	23	"4101075"	USPAT	OR	OFF	2009/02/11 11:12
S68	1	"6686032"	USPAT	OR	OFF	2009/02/11 11:37
S69	18088	((laminat\$4) near8 glass) and (IG or insulat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:41
S70	1672	((laminat\$4) near8 glass) and (IG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:41
S71	1381	((laminat\$4) near4 glass) and (IG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:42
S72	228	S71 and (low near2 (e or emissiv\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 11:42
S73	41	("20020081378"   "3682528"   "4152188"   "4153654"   "4278493"   "4413877"   "4782216"   "4820902"   "4898789"   "4965121"   "5268217"   "5332888"   "5376455"   "5377045"   "5378527"   "5443669"   "5443862"   "5508368"   "5514476"   "5521765"   "5557462"   "5563734"   "5635245"   "5653812"   "5662877"   "5770321"   "5888593"   "6002208"   "6059909"   "6132881"   "6180247"   "6236543"   "6261672"   "6261693"   "6280834"   "6280847"   "6284377"   "6303225"   "6303226"   "6312808"   "6368664"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 11:47
S74	1	"20030113551"	US-PGPUB; USPAT	OR	OFF	2009/02/11 12:07
S75	8	"6446402"	US-PGPUB; USPAT	OR	OFF	2009/02/11 14:28
S76	19	"6398925"	US-PGPUB; USPAT	OR	OFF	2009/02/12 07:10
S77	4	"6490091"	US-PGPUB; USPAT	OR	OFF	2009/02/12 07:11
S78	1	"7005189"	US-PGPUB; USPAT	OR	OFF	2009/02/12 07:11

S79	1	"12202953"	US-PGPUB; USPAT	OR	OFF	2009/02/12 07:30
S80	19	"6398925"	US-PGPUB; USPAT	OR	OFF	2009/02/12 09:30
S81	136	"0040402"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/02/12 10:18
S82	1	"10563917"	US-PGPUB; USPAT	OR	OFF	2009/02/17 13:54
S83	12	"6446402"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 06:32
S84	1	"10563917"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 07:13
S85	3	"20020025899"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 07:16
S86	492	(glass same (laminate\$2 or glazing\$2)) and (interlayer\$2 or PVB) and (low near2 (e or emissive or emissivit\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 08:43
S87	404	S86 and (colour or color\$4 or tint\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 08:43
S88	131	S87 and @PY< "2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/05 08:44
S89	30	"6068914"	USPAT	OR	OFF	2010/05/19 07:54
S90	159	(laminate\$2 and glazing \$2) and (interlayer\$4 same (color\$5 or tint\$4)) and (visible near5 transmi \$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/14 13:08
S91	3	(laminate\$2 and glazing \$2) and (interlayer\$4 same (color\$5 or tint\$4)) and (visible near5 transmi \$8)	EPO; JPO; DERWENT	OR	OFF	2010/12/14 13:09
S92	1	"20020142775"	EPO; JPO; DERWENT	OR	OFF	2010/12/14 13:15
S93	1	"20020142775"	US-PGPUB	OR	OFF	2010/12/14 13:15
S94	1	"20020172775"	US-PGPUB	OR	OFF	2010/12/14 13:15

S95	156	(laminate\$2 and glazing \$2) and (interlayer\$4 same (color\$5 or tint\$4)) and (visible near\$5 transmi\$8)	US-PGPUB; USPAT	OR	OFF	2010/12/14 13:16
S96	1	"10563917"	US-PGPUB; USPAT	OR	OFF	2010/12/14 13:33
S97	7	(laminate\$2 and glazing \$2) and (interlayer\$4 same (color\$5 or tint\$4)) same transmi\$8)	EPO; JPO; DERWENT	OR	OFF	2010/12/14 13:37
S98	120	(laminate\$2 and glazing \$2) and (interlayer\$4 same (color\$5 or tint\$4)) same transmi\$8)	US-PGPUB; USPAT	OR	OFF	2010/12/14 13:38

**12/ 14/ 2010 3:08:55 PM**

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